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- (71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): HELJNA, Roeland, J. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) Agent: DULJVESTLJN, Adrianus, J.; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

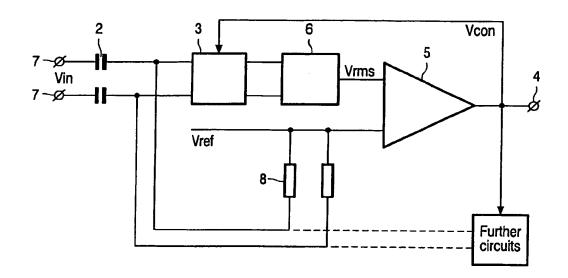
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Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,

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(54) Title: METHOD AND DEVICE FOR SIGNAL AMPLITUDE DETECTION



(57) Abstract: A method and a device (1) for detecting signal amplitudes by removing any DC component from the signal and then shifting the signal by a shift amount so as to produce a shifted signal having a first signal level equal to a reference level (Vref). The shift amount provides an indication of the amplitude of the signal. To this end, the device (1) includes a decoupling circuit (2), a shift circuit (3) and an output terminal (4). Optionally the device further includes a differential amplifier (5) coupled to receive the reference level (Vref) and an indication of the power of the shifted signal, and a signal power determination circuit (6) coupled between the shift circuit (3) and the differential amplifier (5).